MAIL STOP PCT

Docket No. 271326US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Andre ROGET, et al.

SERIAL NO: 10/533,950 GAU:

FILED: May 4, 2005 EXAMINER:

FOR: METHOD FOR ATTACHING A PROTEIN TO PYRROLE-BASED POLYMER AND ITS FOR PRODUCING A SENSOR

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:
Applicant(s) wish to disclose the following information.

REFERENCES

■ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

■ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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U.S. PCT Application Serial No.: 10/533,950
Docket No.: 271326US0PCT

STATEMENT OF RELEVANCY

1) References AG-AM have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.

2) References_____ have been cited in the corresponding_____ Search Report. A copy of these references is being submitted herewith.

3) References AN-AQ are discussed in the specification. A copy of these references is being submitted here with.

4) References AR, AS are additional prior art known to Applicant. A copy of these references is being submitted herewith.

Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO.	SERIAL NO.
		271326US0PCT	10/533,950
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT	
		Andre ROGET, et al.	
		FILING DATE	GROUP
		May 4, 2005	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	TRANSLATION NO
	AG	00/36145	06/22/00	WO (with English abstract)		NO
	AH	2 750 136	12/26/97	FR		NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

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	AJ	BIDAN et al. "Conducting Polymers as a link between biomolecules and microelectronics", Synthetic Metals, vol. 102, pages 1363-1365, XP002114817 1999
	AK	LIVACHE et al. "Polypyrrole DNA Chip on a Silicon Device: Example of Hepatitis C Virus Genotyping", Analytical Biochemistry, vol. 255, pages 188-194, XP02114813 1998
	AL	WOLOWACZ et al. "Covalent Electropolymerization of Glucose Oxidase in Polypyrrole", Anal. Chem., vol. 64, pages 1541-1545, XP002030300 1992
	AM	YON-HIN et al. "Covalent Electropolymerization of Glucose Oxidase in Polypyrrole. Evaluation of Methods of Pyrrole Attachment to Glucose Oxidase on the Performance of Electropolymerized Glucose Sensors", Anal. Chem., vol. 65, pages 2067-2071, XP000885233 1993
	AN	FOULDS et al. "Enzyme Entrapment in Electrically Conducting Polymers", J. Chem. Soc., Faraday Trans. 1, vol. 82, pages 1259-1264 1986
	AO	GUEDON et al. "Characterization and Optimization of a Real-Time, Parallel, Label-Free, Polypyrrole-Based DNA Sensor by Surface Plasmon Resonance Imaging", Anal. Chem., vol. 72, pages 6003-6009 2000
	AP	CARLSSON et al. "Protein Thiolation and Reversible Protein-Protein Conjugation", Biochem. J., vol. 173, pages 723-737 1978
	AQ	SADIK et al. "Monitoring the specific adsorption of proteins using the electrochemical quartz crystal microbalance electrodes", Talanta, vol. 55, pages 929-941 2001
	AR	SCHUHMANN. "Conducting Polymer Based Amperometric Enzyme Electrodes", Mikrochim. Acta., vol. 121, pages 1-29 1995
	AS	MACBEATH et al. "Printing Proteins as Microarrays for High-Throughput Function Determination", Science, vol. 289, pages 1760-1763 2000
	AT	

☐ Additional References sheet(s) attached

Examiner	Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.